

## **Draft Recommendations from Science Workgroup on Range of Expertise for Science Advisors**

The Science Workgroup asked our biologists to provide a suggested range of expertise for the science advisors that would be adequate for the NCCP independent science process. This input was compiled into the list distributed at the last Steering Committee. The Workgroup reviewed the list and discussed the proposed areas of expertise and size constraints. Following this review, the Science Workgroup broke the areas of expertise into two categories. The first category is areas of expertise that at least one of the science advisors must have. The second category is areas of expertise that are highly desirable but not absolutely necessary.

This recommendation was provided to the Facilitation Team so that they can begin to identify potential advisors that have the right mix of expertise. It is also being forwarded to the Steering Committee for its consideration.

Expertise that the panel must have:

1. **Pelagic Fishery Biologist**
2. **Anadromous Fishery Biologist**
3. **Terrestrial Ecologist (vertebrate ecologist preferred)**
4. **Aquatic Ecologist**
5. **Hydrologist with hydrodynamics and modeling capabilities**
6. **Geomorphologist (fluvial and estuarine systems)**
7. **Ecotoxicologist**
8. **Landscape Ecologist**
9. **Invasive Species Expert**

Expertise that it would be very desirable to have:

1. **Aquatic foodweb**
2. **Tidal wetlands**
3. **Ornithology (particularly with a focus on species in the Delta)**
4. **Delta operations and water quality modeling**
5. **Population modeling**
6. **Ecosystem modeling**
7. **Aquatic invertebrates**
8. **Estuarine vegetation**

**Number of Advisors** – The size of the group should be kept manageable. Advice from the Facilitation Team was that generally 8 advisors was a good target. Larger groups, up to 12 had been used but this was less desirable.